`												
•		•	ATTY DOCKET NO. APPLICATION NO.									
-			UTC 003 90/523,491									
PINEOR	MATION DISCLOSURE S	STATEMENT	APPLICANT									
) · ~«			Klaus et al.									
(Use Several Sheets if necessary)			FILING DATE		GROUP							
Min			March 10, 2000	March 10, 2000		2811						
CATEMA TRI	ille		U.S. PATENT DOCUMENTS									
EXAMINER	DOCUMENT	DATE	NAME	CLASS	S SUB-CLASS	FILING DATE						
INITIAL	NUMBER	· ·				IF APPRO	PRIATE					
		FO	REIGN PATENT DOCUMENTS									
-	DOCUMENT	PUBLICATION	COUNTRY	CLASS	SUB-CLASS							
	NUMBER	DATE				YES	NO					
				-								
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)												
EF	Kumagai et al., FABRIC	Kumagai et al., FABRICATION OF TITANIUM OXIDE THIN FILMS, 1995, Thin Solid Films 263, pgs. 47-53										
EF	Ritala et al., STUDIES	Ritala et al., STUDIES ON THE MORPHOLOGY OF Al₂O₃ THIN FILMS…, 1996, Thin Solid Films 286, pgs. 54-58										
CF	Ritala et al., GROWTH	Ritala et al., GROWTH OF TITANIUM DIOXIDE THIN FILMS, 1993, Thin Solid Films 225, pgs. 288-295										
EF		Han et al., A NEAR-EDGE X-RAY ABSORPTION FINE STRUCTURE STUDY OF ATOMIC LAYER EPITAXY, 1998, Surface Science 415, pgs. 251-263										
EF	Morishita et al., ATOMI	Morishita et al., ATOMIC-LAYER CHEMICAL-VAPOR-DEPOSITION OF SILICON-NITRATE, 1997, Applied Surface Science 112,										
EF	Takahashi et al., GERN	Takahashi et al., GERMANIUM ATOMIC LAYER EPITAXY CONTROLLED BY SURFACE CHEMICAL REACTIONS, June 1989, Journal of Electrochem. SocVol. 136-No. 6, pgs. 1826-1827										
EF	Gates et al., EPITALXI/	Gates et al., EPITALXIAL Si FILMS ON Ge(100) GROWN VIA H/CI EXCHANGE, Feb. 1993, Applied Phys. Lett. 62 (5),										
EF		Ishii et al., ATOMIC LAYER EPITAXY OF AIP SNF ITS APPLICATION TO, 1997, Journal of Crystal Growth 180, pgs. 15-21										
EF		Juppo et al., DEPOSITION OF COPPER FILMS BY AN ALTERNATE SUPPLY OF CuCl AND Zn, 1997, Journal of Vac. Sci. Technol. A 15(4), pgs. 2330-2333										
EF	İ	Bell et al., BATCH REACTOR KINETIC STUDIES OF TUNGSTEN LPCVD, Jan. 1996, Journal of Electochem. Soc Vol. 143-No.1, pgs. 296-302										
ER		Martensson et al., ATOMIC LAYER EPITAXY OF COPPER ON TANTALUM, 1997, Chem. Vap. Deposition-3-No. 1, pgs. 1-6										
ES	Kumagai et al., TITANII	Kumagai et al., TITANIUM OXIDE/ALUMINUM OXIDE MULTILAYER REFLECTORS, May 1997, Applied Phys. Lett. 70 (18),										
EXAMINER			DATE CONSIDERED	1/12/	77_							
*EXAMINER	Initial if citation considered.	whether or not citati	on is in conformance with MPEP 609. Draw line thro	ough citation	if not in conformance							
	·		with next communication to Applicant.	- "								

,

FORM 1449	0,,,	YC.			SHEET 2 OF 2	2						
INFORMATION DISCLOSCRESTATEMENT (Use Several Sheets if necessary) U. EXAMINER DOCUMENT DATE INITIAL NUMBER			ATTY DOCKET NO. UTC 003 APPLICANT Klaus et al. FILING DATE March 10, 2000 U.S. PATENT DOCUMENTS NAME		APPLICATION NO. 09/523,491 GROUP 2811 S SUB-CLASS FILING DATE IF APPROPRIATE							
		FO	REIGN PATENT DOCUMENTS									
	DOCUMENT NUMBER	PUBLICATION	COUNTRY		SUB-CLASS	TRANSLATION YES NO						
	NOMBER	DATE										
1	OTHER DISCLO	SURES (Including	Author, Title, Date, Pertinent Pages, Place of	Publicatio	n. Etc.)							
l'F	Kobayashi et al., IS SIT	Kobayashi et al., IS SITU INFRARED REFLECTION AND TRANSMISSION ABSORBSION, May 1993, Journal of Appl. Phys. 73 (9), pgs. 4637-4643										
EP	, ·	Kobayashi et al., STUDY ON MECHANISM OF SELECTIVE CHEMICAL VAPOR DEPOSITION, Jan. 1991, Journal of appl. Phys. 69 (2), pgs. 1013-1019										
EF	Klaus et al., ATOMIC L	Klaus et al., ATOMIC LAYER CONTROLLED GROWTH OF SiO₂ FILMS, March 1997, Applied Phys. Lett. 70 (9), pgs. 1092-1094										
EF	Klaus et al., Al₃O₃ THIN 292, pgs. 135-144	Klaus et al., Al₃O₃ THIN FILM GROWTH ON Si(100) USING BINARY REACTION SEQUENCE CHEMISTRY, 1997, Thin Solid Films 292, pgs. 135-144										
EF	George et al., SURFAC	George et al., SURFACE CHEMISTRY FOR ATOMIC LAYER GROWTH, 1996, Journal of Phys. Chem 100, pgs. 13121-13131										
EF	Klaus et al., ATOMIC L	AYER CONTROLL	LED GROWTH OF Si₃N₄ FILMS, 1998, Surf	ace Scienc	e 418, pgs. L14-L1	19						
		-										
		<u>. </u>			,							
					-							

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.

EXAMINER

R. St. a. C.

11

DATE CONSIDERED